

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	428	mask same helmet same (strap harness belt band)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/08 13:06
L2	356	mask with helmet same (strap harness belt band)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/08 13:06
L3	281	l2 and mask with (strap harness band belt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/08 13:06
L4	1272	((128/201.19,201.22,201.23,201.25) or (2/5,6.1,6.3,6.5,6.6,6.7)).OCLS	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/08 13:54
L5	126	l4 and mask with helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/08 13:54
L8	38	((grove with corey)(chase with stephen)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/08 13:56
L9	3	l8 and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/08 13:56
S1	185	(128/201.19).OCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/02/26 14:55
S2	121	(128/201.24).OCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/01 12:55
S3	11	"H000883"   "1077272"   "2390233"   "3680555" "3971368"   "4315335"   "4352353"   "4404969" "4764990"   "5003632"   "5245993").PN.	USPAT	OR	ON	2002/10/01 11:53
S4	12	"5653225".URPN.	USPAT	OR	ON	2002/10/01 11:54
S5	53	((128/201.24).OCLS.) and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 12:27

S6	2164	helmet and adjustable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 12:27
S7	387	((helmet and adjustable) and visor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 12:28
S8	63	((helmet and adjustable) and visor) and knob	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 12:31
S9	545	("128"/\$.ccls. and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 12:31
S10	306	((("128"/\$.ccls. and helmet) and adjust\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 12:32
S11	87	((("128"/\$.ccls. and helmet) and adjust\$5) and (visor or lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 12:32
S12	4	((128/201.24).CCLS.) and (impact adj resistant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 15:30
S13	1	mask near (impact near resistant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 15:31
S14	46	mask near (fiberglass or graphite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 15:49
S15	8	helmet near (fiberglass or graphite)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 16:12
S16	1772	helmet and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 16:12
S17	19	((helmet and lens) and lens near tint\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/01 16:13

S18	2	("6279172").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/10/01 16:19
S19	415	(polycarbonate or polyurethane) near lens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/02 11:04
S20	19	((polycarbonate or polyurethane) near lens) and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/02 11:04
S21	49	helmet and (rear near pad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/02 11:25
S22	8	("2194492"   "2272833"   "2729620"   "2788558"   "3041622"   "3555562"   "3696442"   "4630317").PN.	USPAT	OR	ON	2002/10/02 11:34
S23	31	(helmet and mask) and (negative adj pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/10/02 12:51
S24	2	("5758639").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/22 16:13
S25	8	("2377122"   "3910269"   "4502480"   "4549542"   "4667348"   "4817596"   "5212843"   "5245994").PN.	USPAT	OR	ON	2003/05/22 16:13
S26	6	"5758639".URPN.	USPAT	OR	ON	2003/05/22 16:15
S27	45	helmet and tighten and knob	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 12:33
S28	55	"128"/\$.ccls. and (carbon adj filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 13:42
S29	29	("128"/\$.ccls. and (carbon adj filter)) and mask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 14:05
S30	18	"128"/\$.ccls. and (mask near blower)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 14:08

S31	342	"128"/\$.ccls. and (mask and blower)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 14:10
S32	192	("128"/\$.ccls. and (mask and blower)) and (positive adj pressure)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 14:15
S33	61	((("128"/\$.ccls. and (mask and blower)) and (positive adj pressure)) and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 14:15
S34	10	("2029566"   "4331141"   "4364384"   "4430995"   "4502480"   "4549542"   "4584996"   "4646732"   "4676236"   "4827964").PN.	USPAT	OR	ON	2003/05/27 14:18
S35	19	"4886056".URPN.	USPAT	OR	ON	2003/05/27 14:18
S36	480	"128"/\$.ccls. and (mask and display)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 14:48
S37	151	("128"/\$.ccls. and (mask and display)) and screen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 14:48
S38	4	((("128"/\$.ccls. and (mask and display)) and screen) and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/27 14:49
S39	2	("3545437"   "5355878").PN.	USPAT	OR	ON	2003/05/27 14:51
S40	21	"5649532".URPN.	USPAT	OR	ON	2003/05/27 14:51
S41	2310	helmet and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/26 14:56
S42	399	(helmet and filter) and seal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/26 14:56
S43	193	((helmet and filter) and seal) and (mask (nose near cup))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/26 14:57

S44	83	("1706602" "2317608" "2348277" "2867812" "3065747" "3110034" "3237202" "3239843" "3310811" "3351056" "3400407" "3721994" "3768100" "3833935" "3971368" "4170042" "4195328" "4315335" "4400591" "4514864" "4555815" "4556994" "4579113" "4584721" "4595003" "4598430" "4667348" "4676236" "4689836" "4704746" "4734940" "4764990" "4803980" "4886056" "4907300" "D312513" "5003632" "5078130" "5093939" "H001039" "5148550" "D331299" "5187502" "D334250" "D340545" "D340546" "5291880" "D351685" "5351339" "5394566" "5396661" "D361867" "5444875" "5500953" "5515843" "5538001" "5549104" "5555569" "5584073" "5603317" "5619755" "5630412" "5649532" "5653225" "5680656" "5694650" "5722091" "5758639" "5765235" "5794260" "5797146" "5901369" "5910764" "D411900" "5924420" "5930843" "D418255" "6047409" "6075857" "6085358" "6161225" "6249918" "6425143").PN.	USPAT	OR	ON	2004/02/26 15:00
S45	8	("2377122" "3910269" "4502480" "4549542" "4667348" "4817596" "5212843" "5245994").PN.	USPAT	OR	ON	2004/02/26 15:01
S46	40	"4676236".URPN.	USPAT	OR	ON	2004/02/26 15:18
S47	40	"4676236".URPN.	USPAT	OR	ON	2004/02/26 15:19
S48	19	("0428611" "2156852" "2365779" "2569451" "2619085" "2810386" "2835250" "3076454" "3362403" "3433222" "3716053" "3739774" "3892234" "3911914" "3995627" "4126131" "4250877" "4274404" "4404969").PN.	USPAT	OR	ON	2004/02/26 15:19
S49	158	helmet and (gas near mask)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/26 15:21
S50	337	mask and (impact near resistant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/26 15:44
S51	53	mask same (impact near resistant)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/26 15:48
S52	4	mask same (shatter near proof)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/26 15:48
S65	64	mask same helmet same harness	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 16:45
S66	100	mask same harness and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 16:45

S67	36	S66 not S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/13 16:45
S68	691	"128"/\$.ccls. and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/15 16:11
S69	364	S68 and mask	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/15 16:11
S70	116	S69 and strap	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/15 16:11
S71	147	"128"/\$.ccls. and helmet and mask same (strap harness)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/20 12:07
S72	17	("2867812"   "3035573"   "3258010"   "3513841"   "3599635"   "3624663"   "4286339"   "4397045"   "4734940"   "4766609"   "5069205"   "5121508"   "5291880").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/20 12:28
S73	29	("5555569").URPN.	USPAT	OR	OFF	2008/02/20 12:33
S74	264	helmet and (mask same (strap harness))	USPAT	OR	OFF	2008/02/20 14:14
S75	159	S74 not S71	USPAT	OR	OFF	2008/02/20 14:15
S76	348	"128"/\$.ccls. and helmet same mask	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/20 14:26
S77	231	S76 not S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/20 14:27
S78	404	(128/201.25).CCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/21 10:53
S79	109	S78 and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/21 10:53
S80	306	(128/201.23).CCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/21 11:00
S81	86	S80 and helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/21 11:00
S82	10	("5191882").URPN.	USPAT	OR	OFF	2008/06/02 01:04

S83	29	("0428611"   "2156852"   "2365779"   "2569451"   "2619085"   "2810386"   "2835250"   "3076454"   "3362403"   "3433222"   "3716053"   "3739774"   "3892234"   "3911914"   "3995627"   "4126131"   "4250877"   "4274404"   "4404969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/07 13:59
S84	24	("0625573"   "1715153"   "1740957"   "2408279"   "2518551"   "2661957"   "2994934"   "2994935"   "3065747"   "3427660"   "3513841"   "3833935"   "4352353").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/07 14:03
S85	7	("4817596").URPN.	USPAT	OR	OFF	2011/02/07 14:04
S86	18	("2312630"   "2375147"   "2382364"   "2827900"   "3043299"   "3274614"   "4029092"   "4250577"   "4352353"   "4648394"   "4653124"   "4926854").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/07 14:08
S87	11	("5191882").URPN.	USPAT	OR	OFF	2011/02/07 14:09
S88	20	mask same helmet same strap same adjustable	USPAT	OR	OFF	2011/02/07 14:15
S89	55	modular with helmet	USPAT	OR	OFF	2011/02/07 14:17
S90	4409	(2/5,6,1,6,2,6,3,6,4,6,5,6,6,6,7,8,2-8,8,417,421,422,10,426-435,441,9).CQLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/07 14:28
S91	1028	S90 and mask	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/07 14:28
S92	327	S90 and mask same helmet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/07 14:28
S93	212	S92 and (strap harness band belt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/07 14:29
S94	102	S92 and (strap harness band belt) with mask	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/02/07 14:29

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	3	((128/201.19,201.22,201.23,201.25) or (2/5,6,1,6,3,6,5,6,6,6,7)).CQLS.	UPAD	OR	OFF	2011/02/08 13:55
L7	1	l6 and mask and helmet.clm.	USPAT; UPAD	OR	OFF	2011/02/08 13:56

2/8/11 2:14:43 PM

C:\Documents and Settings\MMendoza\My Documents\EAST\Workspaces\09-992684 modular helmet-mask assembly.wsp